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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT NO. [REDACTED] 25X1A

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 29 June 1949

SUBJECT Russian Order for Design of Machine Tools
for Production of Diesel Fuel Injection Nozzle

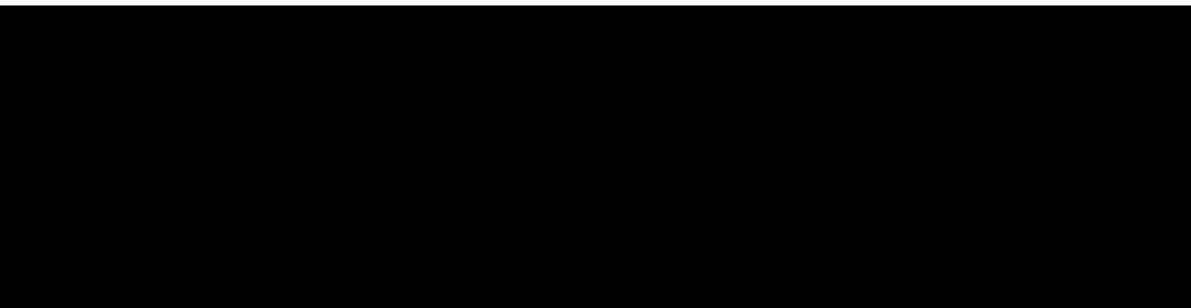
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PLACE ACQUIRED [REDACTED] 25X1C

NO. OF ENCLS. 1
(LISTED BELOW)

DATE OF INFO [REDACTED]

SUPPLEMENT TO REPORT NO. 25X1X



1. The Technological Department of the NTO/MTM, located at Berlin-Niederschonenhausen, Seckendorfstr. 21, has received orders to design machine tools and installations for the production of an injection nozzle for a ship diesel motor. The Soviets explained that 2,000 nozzles are to be manufactured each month but emphasized that the matter must be kept secret.
2. The injection nozzle is one of the most important parts of a compressorless diesel motor. The fuel passes under high pressure through the nozzle, flows through the channels of the nozzle and reaches the combustion chamber as a fine mist. Hence precision work in the production of the channels of the nozzle is of utmost importance. The nozzle contains 10 minute bores which are allowed to deviate only 0.02 mm from the prescribed measurements.

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